# Strong saRNA Expression in Hard-to-Transfect Primary T Cells

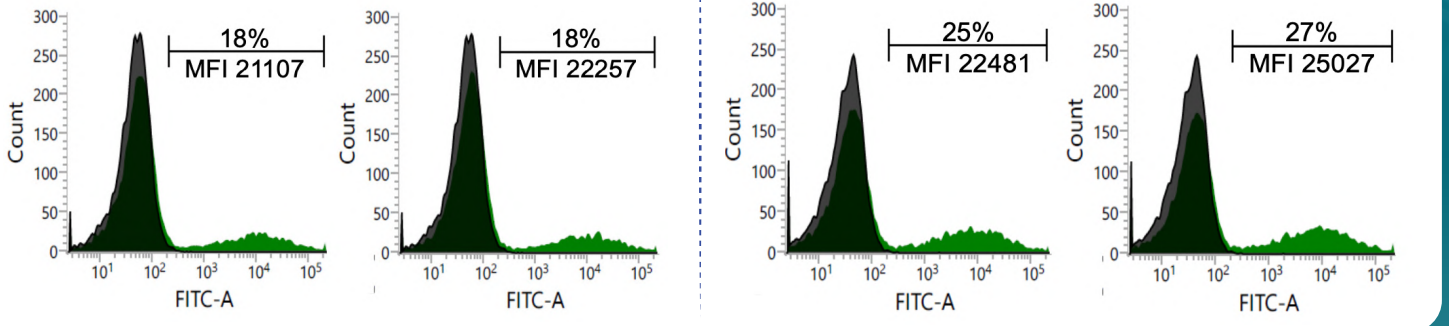
***CROYEZ GFP-saRNA supports strong reporter expression in primary T cells***

## *Flow Cytometry Analysis – CROYEZ GFP-saRNA*

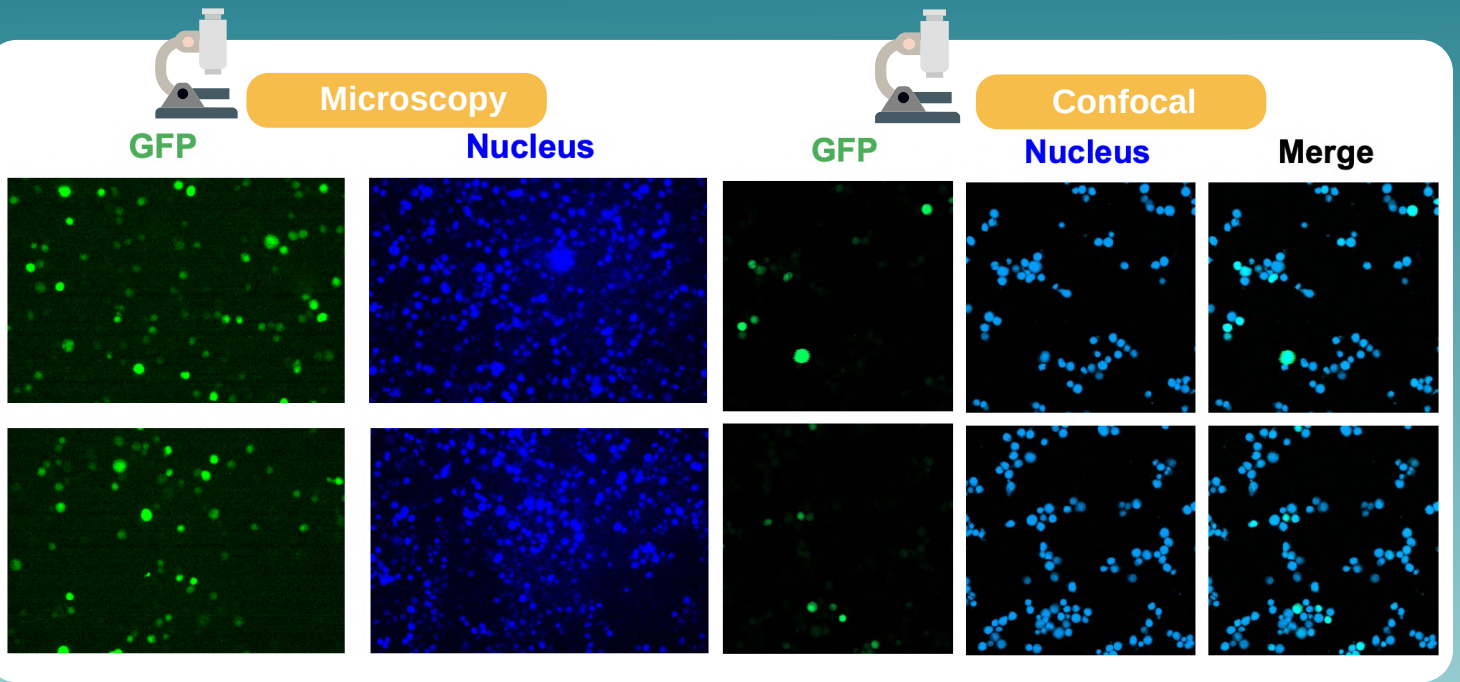
Primary T cells transfected with CROYEZ GFP-saRNA via LNPs demonstrate detectable GFP reporter expression across different RNA doses. Flow cytometry analysis confirms successful RNA delivery and protein expression in hard-to-transfect primary T cells. GFP-positive populations increase with higher RNA doses, indicating dose-dependent reporter expression.

**Experimental Conditions**

- Primary T cells transfected on Day 4
- Results analyzed 24 hours post-transfection




Fluorescence imaging of primary T cells transfected with GFP-saRNA via LNPs shows clear GFP reporter signals. Images were captured using a 20× objective at 24 hours post-transfection (RNA dose: 4 μg per $1\times10^6$



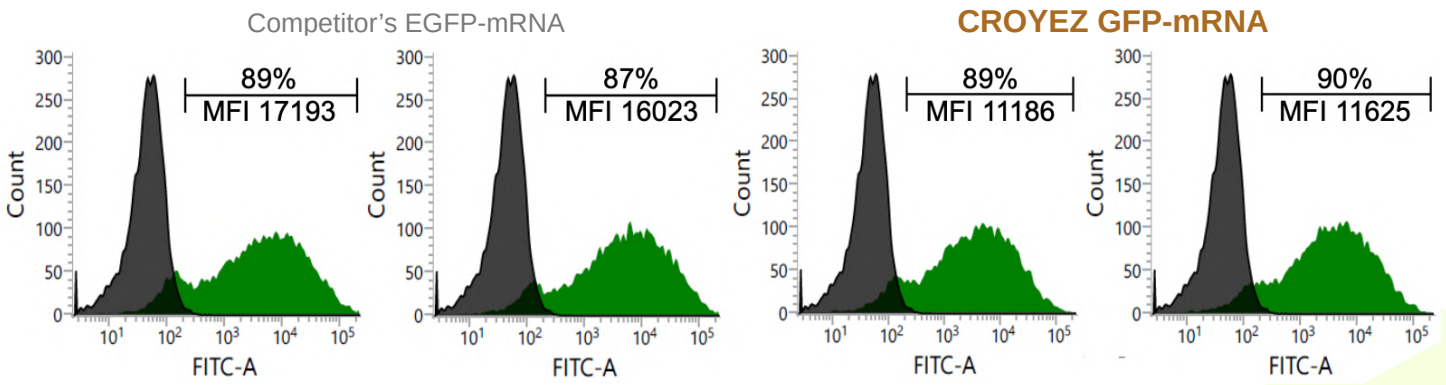

### *Key Highlights*

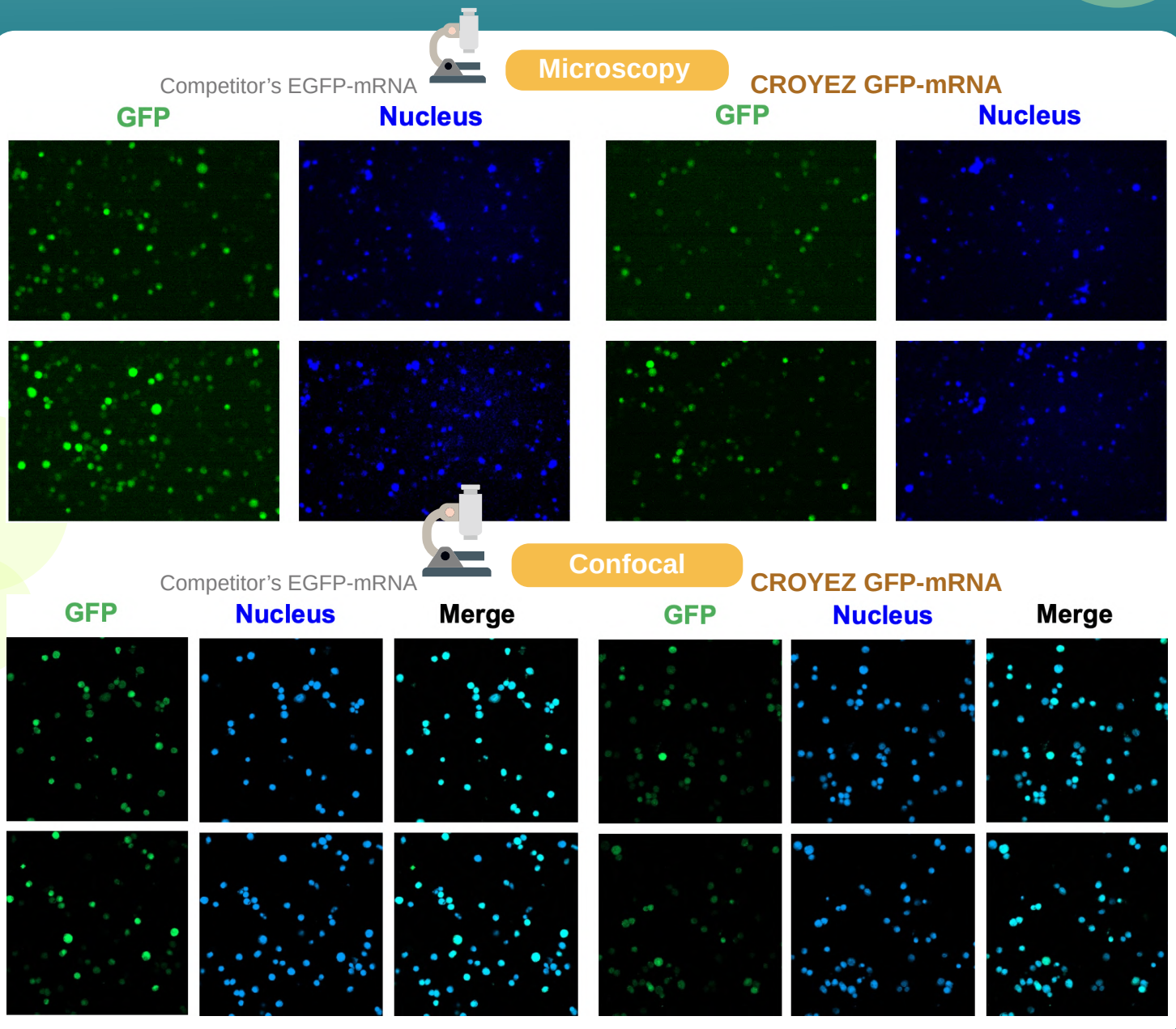
- Efficient reporter expression in primary T cells
- saRNA enables detectable GFP expression across RNA doses
- Clear GFP signal observed by fluorescence and confocal imaging

# Robust GFP-mRNA Expression in Primary T Cells

Primary T cells transfected with CROYEZ GFP-mRNA via LNPs demonstrate strong GFP reporter expression comparable to competitor mRNA. Flow cytometry analysis shows high percentages of GFP-positive cells and robust fluorescence intensity, confirming efficient protein expression in primary T cells.

***CROYEZ GFP-mRNA supports robust reporter expression compared with competitor mRNA***

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